

digital

KGII-A

Engineering Drawings

Digital Equipment Corporation

The material herein is for information purposes only and is subject to change without notice. Digital Equipment Corporation assumes no responsibility for any errors which may appear herein.

These drawings and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

Copyright © 1975, Digital Equipment Corporation

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY	R. COOK	CHECKED	R. COOK	SECTION	
DATE	10-29-71	DATE	10-29-71		1
ENG	R. Loebe	PROD	Paul Fozz	ISSUED SECT.	
DATE	10-29-71	DATE	11-4-71		1

QUANTITY VARIATION

[illegible][illegible]

TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV	ECONO
X-OR & CRC OPTION	#	A	PL	KG11-A-Ø		
	SHEET 1 OF 1	DIST.				

DEC FORM DEC 16 (325)-1031-N870
DRA 110

87654321

31-0-1922W

2

100% AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF THE EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS A BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT THE PERMISSION OF THE EQUIPMENT CORPORATION.

PARTS REFERENCE

ITEM NO	DRAWING REFERENCE	DESCRIPTION	PART NUMBER	QUANTITY
1.	E1, E4, E14	IC DEC 74H50	1909060	3
2.	E2, E3, E14, E20, E30, E37, E38, E39, E44, E48	IC DEC 8640	19-11416-9	10
3.	E1, E4, E7, E15, E16, E21, E22, E27	IC DEC 8271	1909615	9
4.	E35	IC DEC 74H74	1909857	7
5.	E1, E7, E17, E19, E25, E26, E41	IC DEC 8881	1909705	7
6.	E40, E45, E49	IC DEC 8242	1909712	3
7.	E46, E47	IC DEC 8815	1909713	2
8.	E29	IC DEC 7416	1909828	1
9.	E5, E17, E21, E33	IC DEC 74H04	1909834	4
10.	S11	IC DEC 8266	1909834	1
11.	E12, E28	IC DEC 7416	810011	2
12.	E32	IC DEC 74197	510033	1
13.	E42	IC DEC 7402	1909004	1
14.	E18, E31, E42	IC DEC 74H00	1909056	3
15.	E35	IC DEC 74H00	1909057	1
16.	C53, C54	CAP 120PF 100V 5%	1300018	2
17.	C56	CAP 470PF 100V 5%	1300028	1
18.	C50, C52, C57	CAP 6.8MF 35V 20%	1300057	4
19.	C1 - C49, C55	CAP .01 MF 100V 20%	1301616	50
20.	R26	RES 100 1/4W 5%	1300238	1
21.	R7, R12	RES 220 1/4W 5%	1300271	1
22.	R6, R9	RES 330 1/4W 5%	1300284	6
23.	R13 - R25	RES 1K 1/4W 5%	1300164	13
24.	R1 - R5, R8, R10, R11	RES 750 1/4W 5%	1301401	8

NOTES:

1. DETAILS ON COMPONENTS ARE NOTED IN THE PARTS REFERENCE. PLACEMENT IS NOTED IN THE COMPONENT PLACEMENT DIAGRAM.

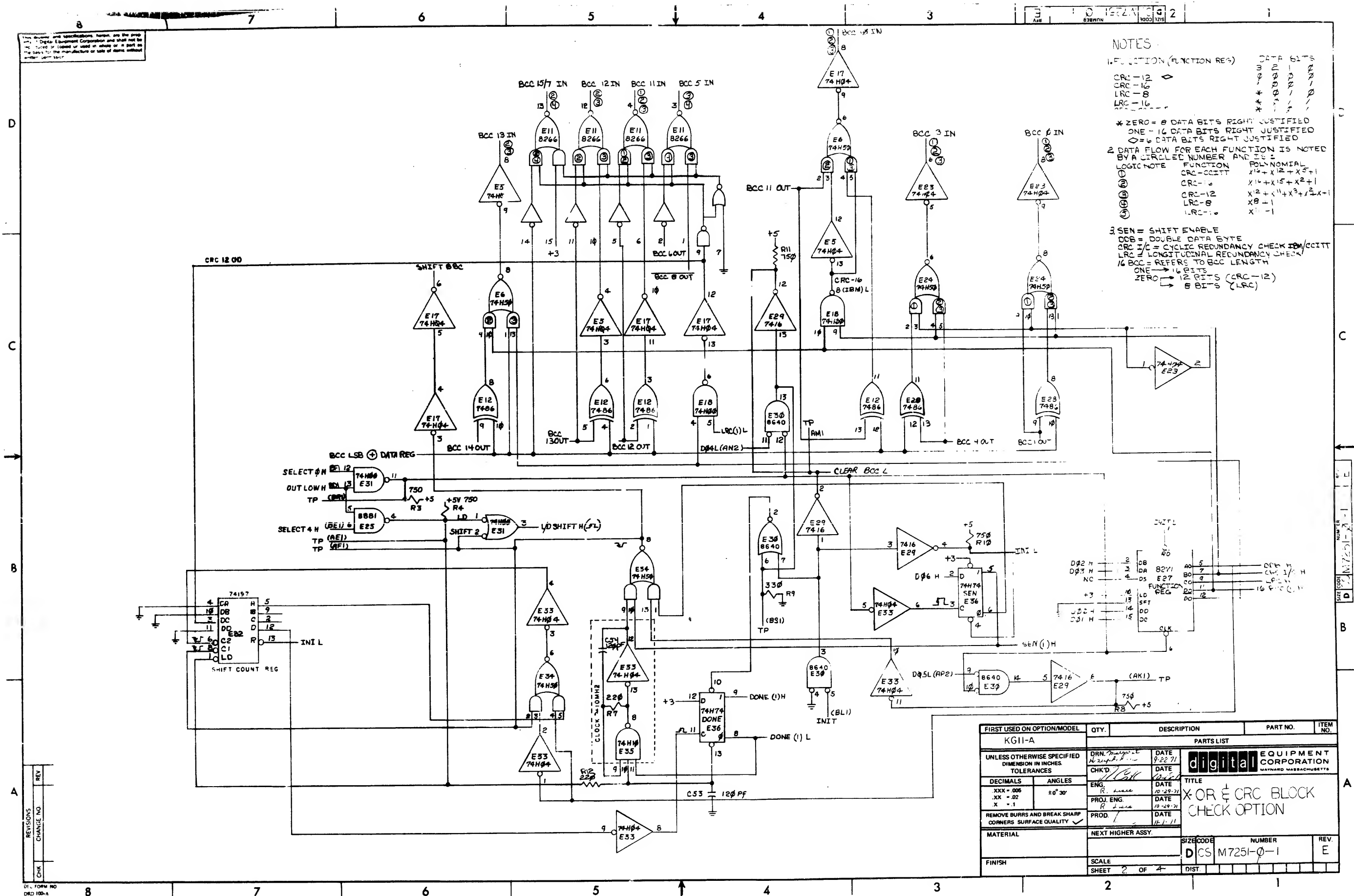
2. GND AND +5V ARE USUALLY PIN 7 AND PIN 14, RESPECTIVELY. EXCEPTIONS ARE:

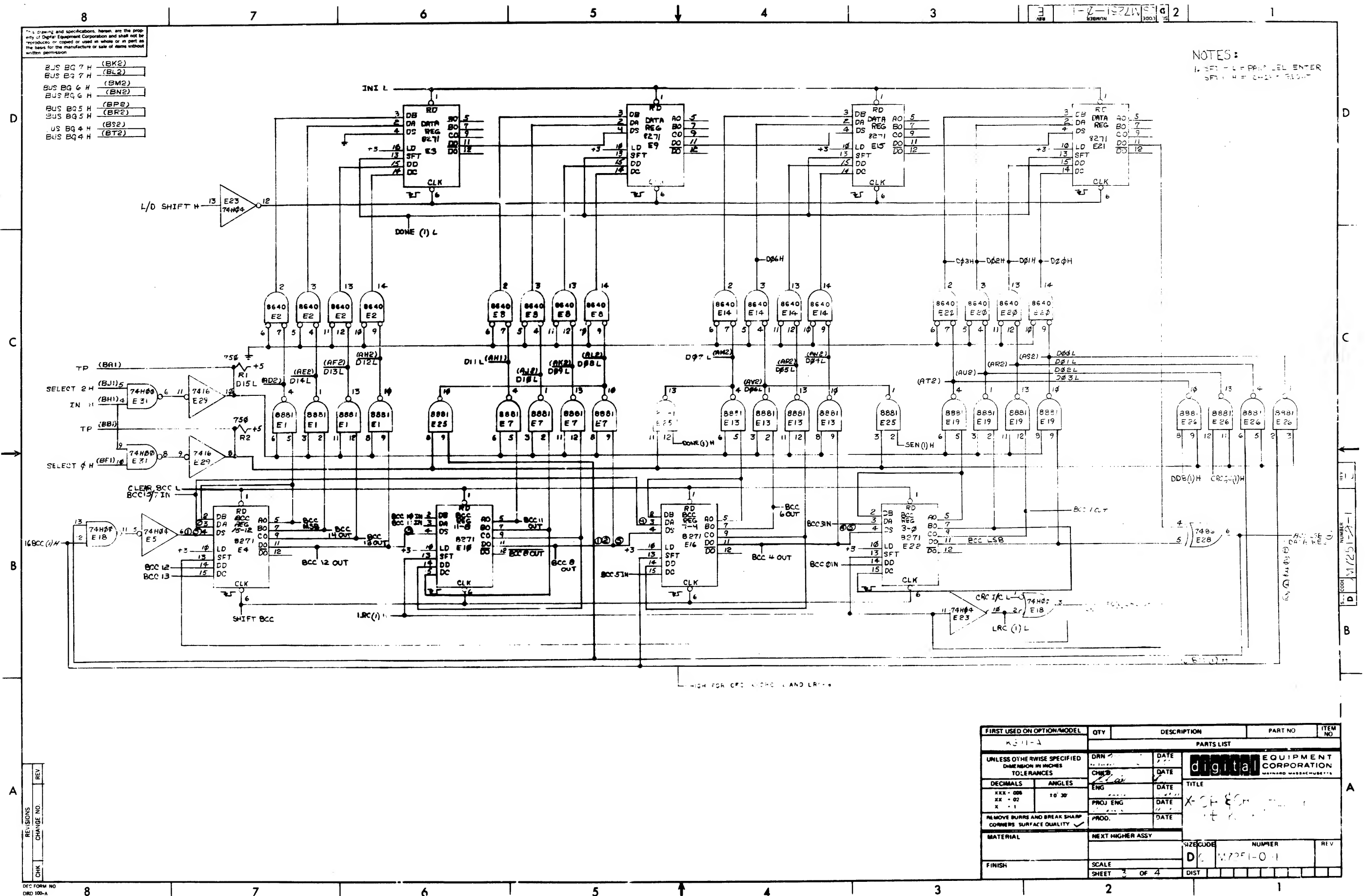
IC TYPE	GND	+5V
DEC 74H74	PIN 11	PIN 4
DEC 74H50	PIN 11	PIN 4
DEC 74H04	PIN 11	PIN 4
DEC 8271	PIN 8	PIN 16
DEC 8640	PIN 1	PIN 8

3. UNLESS OTHERWISE NOTED: RESISTANCE IS IN OHMS, CAPACITANCE IS IN PICOFARADS. CAPACITORS WITHOUT ANY NOTED VALUES ARE .01 MFD.

4. DEC 8640 REPLACES OBSOLETE DEC 380

COMPONENT PLACEMENT





[illegible]

SHEET 1 OF 2

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE KG11-A TEST SPECIFICATION			
<p><u>GENERAL</u></p> <p>This specification establishes the test procedure by which production tests the KG11-A for shipment to the end user.</p> <p>1.0 Hardware Requirements (Minimum)</p> <ul style="list-style-type: none"> 1 PDP-11 with \geq 4K core 1 DD11-A standard peripheral system unit 1 KG11-A module (M7251) 1 Heat Chamber [Test temp is: a) 50°C, b) Room temp.] <p>2.0 Software Requirements</p> <ul style="list-style-type: none"> 1 MAINDEC-11-D8KA <p>3.0 Procedure</p> <ul style="list-style-type: none"> a) assemble hardware. Note that the DD11-A is a requirement for checkout, but is not a requirement for shipment (i.e. the DD11-A is a prerequisite to the KG11-A but not a co-requisite to shipment). b) Load and operate MAINDEC-11-D8KA per MAINDEC procedures. c) Each pass requires approximately two minutes (PDP-11/20) and five passes with heat (a) and five passes without heat (b) is considered a valid test. 			
	SIZE A	CODE SP	NUMBER KG11-A-3
			REV

SHEET 2 OF 2